

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/078999 A1

(51) International Patent Classification⁷: **H04L 12/18**,
H04Q 7/22

(21) International Application Number:
PCT/EP2004/001545

(22) International Filing Date: 18 February 2004 (18.02.2004)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **TELEFONAKTIEBOLAGET LM ERICSSON (Publ)**
[SE/SE]; S-126 25 Stockholm (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LOHMAR, Thorsten** [DE/DE]; Hirschgraben 9-11, 52062 Aachen (DE). **HORN, Uwe** [DE/DE]; Frankenberger Str. 10, 52066 Aachen (DE).

(74) Agent: **RÖTHINGER, Rainer**; Wuesthoff & Wuesthoff, Schweigerstrasse 2, 81541 München (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

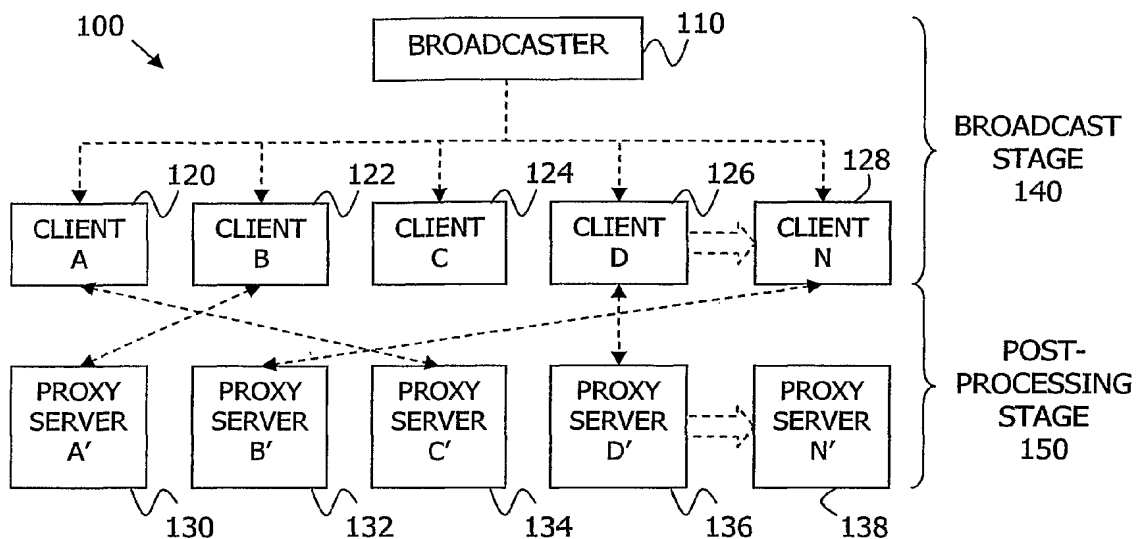
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND DEVICE FOR RELIABLE BROADCAST



(57) Abstract: The invention is embodied in a technique for broadcasting content data from a broadcaster (including a multicaster) to a plurality of clients. After a client receives content data from the broadcaster, a plurality of available proxy servers may be contacted for post-processing after the content data broadcast is determined. The client subsequently randomly selects one of the available proxy servers to contact for post-processing after the content data broadcast. The client may further randomly select a delay time within a contact interval for the selected proxy server, at which time the client contacts the selected proxy server at the delay time to initiate post-processing.

WO 2005/078999 A1